



374709

LPC # 1671200054 - Sangamon County - Springfield/Nutronic

Table 1

Nutronics Sample and Analytical Summary

Sample #	Sample location and comments	Photo #	~Volume of waste in gallons/ Weight in lbs.	Lab pH/ Haz Waste #	TCLP metal concentration/HazWaste # /Selected Other Results
X201	Vat # 1 in plating room, first compartment west to east	013	88 gal./734 lbs.	0.02 D002	3.28 ppm cadmium/D006 57.5 ppm lead/D008
X202	Vat # 1 in plating room, second compartment west to east	014	55 gal./459 lbs.	0 D002	2.70 ppm cadmium/D006 49.8 ppm lead/D008
X203	Vat # 1 in plating room, third compartment west to east	015	55 gal./459 lbs.	0.03 D002	2.86 ppm cadmium/D006 49.9 ppm lead/D008
X204	Vat # 1 in plating room, fourth compartment west to east	016	51 gal./425 lbs.	0.01 D002	44.7 ppm lead/D008
X205	Vat # 1 in plating room, fifth compartment west to east	017	88 gal./734 lbs.	0 D002	2.86 ppm cadmium/D006 14.4 ppm chromium/D007 51.1 ppm lead/D008
X206	Vat # 2 in plating room, first compartment west to east	019	35 gal./292 lbs.	0 D002	55.3 ppm lead/D008
X207	Vat # 2 in plating room, fourth compartment west to east	020	86 gal./717 lbs.	0 D002	45.9 ppm lead/D008
X208	Vat # 2 in plating room, fifth compartment west to east	021, 022	86 gal./717 lbs.	0.03 D002	57.4 ppm lead/D008
X209	Vat # 3 in plating room	028	533 gal./4,445 lbs.	0.2 D002	27.5 ppm chromium/D007 542 ppm lead/D008
X210	Plastic box at bottom front of copper etching machine	031	10 lbs.	N/A	341,000 ppm copper
X211	Vat # 4 in storage room	038	100 lbs.	N/A	38,200 ppm copper
X212	55-gallon drum in storage room labeled, "Tin-Lead Waste"	039, 040	41 gal./342 lbs.	0.4 D002	1550 ppm lead/D008

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X213	55-gallon drum in storage room labeled "Corrosive"	041, 042	18 gal./150 lbs.	8.6	53 ppm lead/D008
X214	55-gallon drum in storage room	043	18 gal./150 lbs.	0.4 D002	516 ppm lead/D008
X215	Five-gallon bucket in storage room labeled "Flammable" and "Aqua Flo® Activated Infrared Fusing Fluid"	044	4 gal./34 lbs.	0.6 D002	2.21 ppm selenium/D010 71° flash point (D001)
<p align="center">APPROXIMATE TOTALS</p> <p align="center">1,158 gallons of liquid wastes in sampled containers and tanks = 9,658 lbs. + 110 lbs. of solid wastes in sampled container and tank = 9,768 lbs.</p>					

Note: The weight for water of 8.34 lbs. per gallon was used to calculate the weight of the liquid wastes that were sampled. The approximate total weight of 9,658 lbs. is for the wastes in the sampled vats and containers only.

The approximate total weight of the un-sampled containers of 5-gallon capacity and larger equals 174 gallons x 8.34 lbs. per gallon = 1,451 lbs. + 195 lbs of solids, = 1,646 lbs.

Therefore, the approximate **total weight** of the wastes in sampled containers and tanks, and of un-sampled containers of 5-gallon capacity and larger = 9,768 + 1,646 = **11,414 lbs.**

The volumes and weights of wastes in numerous containers smaller than five gallons were not estimated.